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7590 04/22/2005

Hughes Electronics Corporation  
Patent Docket Administration  
Bldg. 1, Mail Stop A109  
P.O. Box 956  
El Segundo, CA 90245-0956 10613877  
07/26/2005 RHEBRAH 00000027 500383

01 FC:1501 1400.00 DA  
02 FC:1504 300.00 DA

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/613,877	07/03/2003	Mustafa Eroz	PD-203021	7224

TITLE OF INVENTION: BIT LABELING FOR AMPLITUDE PHASE SHIFT CONSTELLATION USED WITH LOW DENSITY PARITY CHECK (LDPC) CODES

APPLN. TYPE	SMALL ENTITY	ISSUE FEE	PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	07/22/2005

EXAMINER	ART UNIT	CLASS-SUBCLASS
VARTANIAN, HARRY	2634	375-298000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.163). <input checked="" type="checkbox"/> Change of correspondence address (or Change of Correspondence Address form PTO/SB/12) attached. <input checked="" type="checkbox"/> "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev.03-02 or more recent) attached. Use of a Customer Number is required.	2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.	1. Georgann S. Grunebach 2. _____ 3. _____
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3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE

THE DIRECTV GROUP, INC.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

El Segundo, California USA

Please check the appropriate assignee category or categories (will not be printed on the patent):  Individual  Corporation or other private group entity  Government

4a. The following fee(s) are enclosed:

Issue Fee  
 Publication Fee (No small entity discount permitted)  
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4b. Payment of Fee(s):

A check in the amount of the fee(s) is enclosed.  
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 The Director is hereby authorized to charge the required fee(s), or credit any overpayment, to Deposit Account Number 50-0003 (enclose an extra copy of this form).

5. Change in Entity Status (from status indicated above)

a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27.  b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1.27(g)(2).

The Director of the USPTO is requested to apply the Issue Fee and Publication Fee (if any) or to re-apply any previously paid issue fee to the application identified above. NOTE: The Issue Fee and Publication Fee (if required) will not be accepted from anyone other than the applicant; a registered attorney or agent; or the assignee or other party in interest as shown by the records of the United States Patent and Trademark Office.

Authorized Signature

Date July 22, 2005

Typed or printed name Georgann S. Grunebach

Registration No. 33,179

This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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Date: July 22, 2005

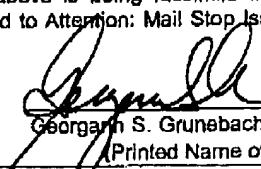
From: Georgann S. Grunebach  
 Assistant General Counsel

Fax: (310) 964-0941  
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 Georgann S. Grunebach, Reg. No. 33,179  
 (Printed Name of Depositor)

July 22, 2005  
 (Date of Signature)

Attention: Commissioner for Patents

Please find attached Re: 10/613,877

Attorney Docket No. PD-203021

- > TRANSMITTAL COVER FOR ISSUE AND PUBLICATION FEES
- > PART B - FEE(S) TRANSMITTAL

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If you do not receive all pages, or pages are not clear, please call Karen Lum at (310) 964-0735.

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